

**GOVERNMENT OF INDIA  
MINISTRY OF POWER**

**LOK SABHA  
UNSTARRED QUESTION NO.1788  
TO BE ANSWERED ON 20.12.2018**

**POWER PROJECTS**

**1788. SHRI R.P. MARUTHARAJAA:**

**Will the Minister of POWER  
be pleased to state:**

- (a) whether studies have been conducted to explore the feasibility of setting up thermal power projects in the country including Tamil Nadu State;
- (b) if so, the details thereof, State-wise including Tamil Nadu; and
- (c) the details of the thermal power projects under consideration of the Government to be set up in Tamil Nadu State?

**A N S W E R**

**THE MINISTER OF STATE (INDEPENDENT CHARGE) FOR POWER  
AND NEW & RENEWABLE ENERGY**

**( SHRI R. K. SINGH )**

(a) : Central Electricity Authority (CEA) had got the studies conducted for identification of large pithead and coastal sites based on satellite mapping using remote sensing technology.

(b) : A total of 200 Nos. potential sites with likely Gross Installed Capacity of 4,28,905 MW have been identified. The state wise (including Tamil Nadu) list of these sites is given at Annex. This list includes Fourteen Nos. (14) sites in Tamil Nadu totalling to 31,250 MW .

(c) : After the enactment of the Electricity Act, 2003 generation of electricity has been de-licensed. As such Techno- Economic clearance of Central Electricity Authority (CEA) is not required for thermal power projects. Therefore, the proposals for setting up thermal power projects in the country including Tamil Nadu are not being received in CEA.

As per information available in CEA, following two UMPP's are identified in Tamil Nadu State :

1. Cheyyur UMPP- 4000 MW at Cheyyur village, Kancheepuram, Tamil Nadu
2. 2nd UMPP (4000 MW) in Tamil Nadu (location not yet decided).

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**ANNEX REFERRED TO IN REPLY TO PART (b) OF UNSTARRED QUESTION NO. 1788  
TO BE ANSWERED IN THE LOK SABHA ON 20.12.2018.**

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**SHELF OF SITES FOR THERMAL POWER PROJECTS**

**A. Coal Based**

**I. Pit Head Sites Identified by CMPDI**

S. No.	Name of the Project/Site	State	Capacity (MW)
1	Dabra, Janjgir-Champa	Chhattisgarh	1000
2	Dumarpal, Janjgir-Champa	Chhattisgarh	1000
3	Garhi, Jashpurnagar	Chhattisgarh	1000
4	Pathalgaon, Ambikapur	Chhattisgarh	1000
5	Akaltara	Chhattisgarh	3000
6	Champa	Chhattisgarh	3000
7	Loharsi	Chhattisgarh	3000
8	Katsira	Chhattisgarh	3000
9	Malhar	Chhattisgarh	3000
10	Ramanujganj	Chhattisgarh	700
11	Lurgi	Chhattisgarh	1000
12	Mahabirganj	Chhattisgarh	1000
13	Chutru	Chhattisgarh	1000
14	Amartipur	Jharkhand	1000
15	Rajpokhar	Jharkhand	1800
16	Hathibathan	Jharkhand	1800
17	Kadma	Jharkhand	1800
18	Daldali	Jharkhand	1800
19	Murgi	Jharkhand	2400
20	Bagchoma	Jharkhand	2400
21	Deoria	Jharkhand	2400
22	Kanha	Jharkhand	2400
23	Tori	Jharkhand	2400
24	Rengali	Orissa	5000
25	Angul	Orissa	7000
26	Babandh	Orissa	10,000
27	Gajmara	Orissa	10,000
28	Joranda	Orissa	12,000
29	Charbatia	Orissa	12,000
		<b>Sub Total</b>	<b>98,900</b>

**II. Coastal Sites identified by NRSA**

1	Kuchchh	Gujarat	2000
2	Jamnagar	Gujarat	2000
3	Junagarh	Gujarat	2000
4	Amreli	Gujarat	2000
5	Bhavnagar	Gujarat	2000
6	Ahmedabad	Gujarat	2000
7	Ratnagiri	Maharashtra	4000
8	Sindhudurg	Maharashtra	4000
9	PeddaGanjam(Prakasam District)	Andhra Pradesh	2000
10	Alluru(Prakasam District)	Andhra Pradesh	2000
11	Chintavaram(Nellore District)	Andhra Pradesh	4000
12	Cheyur(Kanchipuram District)	Tamil Nadu	4000
13	Nagapattinam	Tamil Nadu	2000
14	Kilkari (Ramananthpuram District)	Tamil Nadu	2000
15	Vembar (Ramananthpuram District)	Tamil Nadu	2000
		<b>Sub Total</b>	<b>38,000</b>

### III. Lignite Based sites identified by NLC/states

1.	Valia North /South	Gujarat	625
2.	Mangrol-II TPP	Gujarat	655
3.	Riri Block	Rajasthan	750
4.	Kapurdhi Block	Rajasthan	600
5.	Jalipa Block	Rajasthan	600
6.	Devangudi Mine TPP	Tamil Nadu	250
7.	Jayamkondam South Block TPP	Tamil Nadu	1000
		<b>Sub Total</b>	<b>4480</b>

### IV Sites Identified by CMPDI near coal blocks

S. No.	Name of the Project/Site	State	Capacity (MW)
1	Rakshi, Tehsil Tandwa, Chatra district	Jharkhand	700
2	Balu Bhang, Tehsil Balumant, Latehar district	Jharkhand	700
3	Masiatu Tehsil Balumant, Latehar district	Jharkhand	700
4	Mashilong, Tehsil Balumant, Latehar district	Jharkhand	700
5	Pakrilytola, Tehsil Patratu, Ramgarh district	Jharkhand	1000
6	Karmantar, Tehsil Konar, Ramgarh district	Jharkhand	1000
7	Chinitola, Tehsil Petarwar, Ramgarh district	Jharkhand	2000
8	Khamar, Tehsil Rengali, Angul district	Orissa	6700
9	Hathinachlai Tehsil Banarpal, Dhenkanal district	Orissa	5000
10	Rajnarainsinghpur Tehsil Hindol, Dhenkanal district	Orissa	6700
11	Panchumahala, Tehsil Sadar, Angul district	Orissa	2000
12	Paranga, Tehsil Sadar, Angul district	Orissa	2000
13	Tikra (Sendhra) Tehsil Sadar, Angul district	Orissa	2000
14	Narsinghpur, Cuttack district	Orissa	1500
15	Tildega, Tehsil Tildega, Sundargarh district	Orissa	2600
16	Bundapalli, Tehsil Sadar, Sundargarh district	Orissa	2600
17	Rajpur, Tehsil Rajpur, Sundargarh district	Orissa	2600
18	Kumar, Tehsil Machida, Jharsuguda district	Orissa	2600
19	Kantamal, Tehsil Kantama, Bolangir district	Orissa	2600
20	Titlagarh, Tehsil Titlagarh, Bolangir district	Orissa	2600
19	Rengalpalli, Pussore Tehsil, Raigarh district	Chhattisgarh	2600
20	Bangama, Tehsil Kunkuri, Jashpur district	Chhattisgarh	1800
21	Janjeman, Tehsil Pathalgaon, Jashpur district	Chhattisgarh	1800
22	Bakurama, Tehsil Dharamjaygarh, Raigarh district	Chhattisgarh	1500
23	Kerakachahar, Tehsil Pathalgaon, Ambikapur district	Chhattisgarh	1500
24	Sapos, Tehsil Dabra, Janjgir-Champa district	Chhattisgarh	1800
25	Salka/Khamariya, Sarguja district	Chhattisgarh	4000
26	Kanchanpur, Sarguja district	Chhattisgarh	4000
27	Chirmi, district Korla	Chhattisgarh	4000
28	Ponri, district Korla	Chhattisgarh	4000
		<b>Sub Total</b>	<b>75,300</b>

### V. Sites Identified by CMPDI near Load centre

S. No.	Name of the Project/Site	State	Capacity (MW)
1	Dabra, Gwalior	Madhya Pradesh	2000
2	Madankhurd(Matatila N), Pichor, Shivpuri	Madhya Pradesh	2000
3	Khirkal(Matatila W), Picchor, Shivpuri	Madhya Pradesh	2000
4	Bamlabel,(Pachor), Rajgarh	Madhya Pradesh	2000
5	Kaner (Biaora) Rajgarh	Madhya Pradesh	2000
6	Surajpur (Shajapur),	Madhya Pradesh	2000
7	Jagatpura(Barwah), Barwad, Khargon (West Nimar)	Madhya Pradesh	2000
8	Satajana(Baroud), Khargon (West Nimar)	Madhya Pradesh	2000
9	Kanera(Halali), Bhopal	Madhya Pradesh	2000

10	Piplod(Balwada),Khandwa	Madhya Pradesh	2000
11	Jalmana, PanipatKarnal,	Haryana	1000
12	Bhagana,Hansi,Hisar	Haryana	2000
13	Churaud,Matgali,Hisar	Haryana	2000
14	Chaudriwas, Matgali,Hisar	Haryana	2000
15	MadhoSinghania, Sirsa	Haryana	2000
16	Chilknidhab,Sirsa	Haryana	2000
17	Sonik, Bichiya ,Unnao	Uttar Pradesh	2000
18	Shahganj, Jaunpur	Uttar Pradesh	2000
19	Sandila, Hardoi	Uttar Pradesh	2000
20	Pihani (Hariyawan),Hardoi	Uttar Pradesh	2000
21	Haliyapur, Sultanpur	Uttar Pradesh	2000
22	Pure Kalhans/ Amaniganj, Rudauli, Faizabad	Uttar Pradesh	2000
23	Harringtonanj, Milkipur,Faizabad	Uttar Pradesh	2000
24	Bagowal,Balachaur, ShahidBhagat Singh Distt	Punjab	2000
25	Mumaru,Faridkot, Ferozepur Distt	Punjab	2000
		Sub Total	49,000

#### VI. Coastal Sites identified by CMPDI

1	Divigi, Ankola , Uttar Kannda	Karnataka	4000
2	Honavar, Uttar Kannda	Karnataka	4000
		Sub Total	8000

#### VII Sites identified by Site Selection Committee

S. No.	Name of the Project/Site	State	Capacity (MW)
1.	New Ennore (TiruvalloreDistt.)	Tamil Nadu	2x500=1000
2.	TuticorinAnnexe (TuticorinDistt.)	Tamil Nadu	1x500=500
3.	Cheyur (Kanchipuram Distt.)	Tamil Nadu	4000
4.	Cuddalore (CuddaloreDistt.)	Tamil Nadu	4000
5.	Cuddalore Mega Project (CuddaloreDistt.)	Tamil Nadu	1500
6.	Nagapattinam (TanjoreDistt.)	Tamil Nadu	2000-3000
7	Marakkanam,Villupuram	Tamil Nadu	4000
8	Thirumullavasal village, Sirkazi,Nagapattinam	Tamil Nadu	2000
9.	Karaikal	Pondicherry	1000
10.	Pipavav imported Coal based power project	Gujarat	2x500
11.	Pipavav Dual fuel based power project	Gujarat	1x615
12.	Chhara LNG/Naphtha based power project	Gujarat	1200
13.	Sarkhadi Coastal power project	Gujarat	2x500
14.	Mundra imported coal based power project	Gujarat	1x500
15.	Kandla imported coal based power project	Gujarat	1x250
16.	Dholera (Bhavanagar)	Gujarat	4000
17.	Krishnapatnam TPP (Nellore Distt.)	Andhra Pradesh	3000
18.	Simhadri TPP Extn.	Andhra Pradesh	2x500
19.	Hyderabad Metro CCGT	Andhra Pradesh	1400
20.	Vemagiri CCGT (East GodavariDistt.)	Andhra Pradesh	700
21.	Nellore CCGT in place of existing 30 MW Nellore TPS	Andhra Pradesh	700
22.	Godavari CCGT Extn.	Andhra Pradesh	1000
23.	KhaperkhedaExtn. (NagpurDistrict)	Maharashtra	1x500=500
24.	Umred (Nagpur District)	Maharashtra	2x250=500
25.	Wani (Yavatmal District)	Maharashtra	2x500=1000
26.	Mauda	Maharashtra	2x500=1000
27.	BhusawalExtn.(JalgaonDistt.)	Maharashtra	2x500=1000
28.	UranExtn.	Maharashtra	440
29.	Malvan(SindhudurgDistt)	Maharashtra	4000
30.	Solapur	Maharashtra	1320

31.	Solapur	Maharashtra	1000(CCGT)
32.	Manoravillage,TirodaTaluka,Gonndia		2x660
33.	Kanpa village, Naghbir Taluka, Chandrapur		2x660
34.	Mandkivillage,BrahmpuriTaluka,Chandrapur		2x660
35.	Tembhivillage,Ausa Taluka, Latur		1500(CCGT)
36.	Sasan (Sidhi District)	Madhya Pradesh	4x500=2000
37.	Bansagar (Shadol District)	Madhya Pradesh	3x500=1500
38.	Shahpura (Jabalpur District)	Madhya Pradesh	2x500=1000
39.	Rajghat (near ChanderiGuna District)	Madhya Pradesh	2x500=1000
40.	Malwa (Khandwa District)	Madhya Pradesh	4x500=1000
41.	Durgapur Steel TPP (BurdhmanDistt.)	DVC Area West Bengal	2x500
42.	Maithon Left Bank TPP (BurdhmanDistt.)	DVC Area, West Bengal	2x500
43.	Panchet Coal based TPP	DVC Area, West Bengal	3x500
44.	Bokaro Steel TPP (BokaroDistt.)	DVC Area, Jharkhand	2x500
45.	Ramgarh TPP	DVC Area, Jharkhand	4x500
46.	KodarmaTPP (KodarmaDistt.)	DVC Area, Jharkhand	4x500
47.	Kota TPS Stage-V, Unit-7	Rajasthan	1x195
48.	Keshoraipatan (Distt.Bundi)	Rajasthan	1x500
49.	Chhabra Mega Project (BaranDistt.)	Rajasthan	1000
50.	Dholpur Gas based power plant stage-II	Rajasthan	1x330
51.	Dholpur Mega gas based power plant	Rajasthan	1000
52.	GiralExtn.lignite based power plant	Rajasthan	1x125
53.	KapurdiExtn. Lignite based power plant	Rajasthan	2x250
54.	Jalipa lignite based power plant	Rajasthan	1000
55.	Gurha (West) lignite based power plant	Rajasthan	2x125
56.	Marwa TPP (Distt. Raigarh)	Chhattisgarh	2x500
57.	Dumarpal TPP (Distt. Raigarh)	Chhattisgarh	2x500
58.	Akaltara TPP (Distt. Janjgir-Champa)	Chhattisgarh	4x800
59.	Bhaiyathan TPP (Distt. Surguja)	Chhattisgarh	2x660
60.	Lara (NTPC site)	Chhattisgarh	1000
61.	Udaipur	Chhattisgarh	4000
62.	Korba East TPP - Daewoo site	Chhattisgarh	1000
63.	Korba East Extn. TPP	Chhattisgarh	2x250
64.	Korba West Extn.TPP	Chhattisgarh	2x250
65.	LancoAmarkantak site near Pathadi	Chhattisgarh	1200
66.	Doraha	Punjab	1000-2000
67.	Nabha (Patiala Distt.)	Punjab	1000-2000
68.	Banwala (TalwandiSaboo) (Mansa Distt.)	Punjab	2x500
69.	Lehra gaga (Sangrur Distt.)	Punjab	2x500
70.	Dhuri (Sangrur Distt.)	Punjab	1000-2000
71.	Bhupal (Mansa Distt.)	Punjab	2000
72.	Hajipur, Hoshiarpur	Punjab	2x660=1320
73.	Rajpura (Patiala)	Punjab	1000-2000
74.	Ghagga (Muktsar)	Punjab	3000
75.	Hissar	Haryana	1200
76.	Jharli (JhajjarDistt.)	Haryana	1000
77.	Kamlang (AngulDistt.)	Orissa	2000-3000
78.	Abandoned FCI Plant at Talcher	Orissa	2000
79.	Nuni (DhenkanalDistt.)	Orissa	2000-3000
80.	Gajmara (DhenkanalDistt.)	Orissa	5000
81.	Hirma (JharsugudaDistt.)	Orissa	2000-3000
82.	Bhedabahal (SundargarhDistt.)	Orissa	3000
83.	Bhasma (Sundargarh/JharsugudaDistt.)	Orissa	3000-4000
84.	Talsara (SundargarhDistt.)	Orissa	2000
85.	Rengali (Sambalpur Distt.)	Orissa	2000
86.	Durgapur (AngulDistt.)	Orissa	2000
		Sub-Total	1,31,225

**B. Gas Based Sites identified by CMPDI**

1.	Jhajjar	Haryana	3000
2.	Chandeni, Tehsil Nuh,GurgaonDistt	Haryana	3000
3.	Bajraka, Tehsil Nuh,GurgaonDistt	Haryana	3000
4.	Tappal, Khair Tehsil, Aligarh District	Uttar Pradesh	3000
5.	PadamNagla, Khair Tehsil, Aligarh District	Uttar Pradesh	3000
6.	Gangaoli, Khurja, Bulandshar	Uttar Pradesh	3000
7.	Gangerwa,Bulandshahr	Uttar Pradesh	3000
8.	Chaulas,Dadri, Ghaziabad	Uttar Pradesh	3000
		Sub Total	24,000

**GRAND TOTAL**

**4,28,905 MW**

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